



# Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

EFS ID:

60964

Application ID:

09841284

IN SITU THERMAL PROCESSING

OF A COAL FORMATION TO

Title of Invention:

**INCREASE** 

PERMEABILITY/POROSITY OF THE

**FORMATION** 

First Named Inventor:

Harold Vinegar

Domestic/Foreign Application:

**Domestic Application** 

Filing Date:

2001-04-24

**Effective Receipt Date:** 

2004-05-14

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Information Disclosure

Statement

Filing Type:

Confirmation number:

4716

**Attorney Docket Number:** 

5659-06000

Total Fees Authorized:

180.0

Payment Category:

**Deposit Account** 

**Deposit Account Number:** 

501505

Deposit Account Name:

Eric B. Meyertons

Access Code:

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RAM Payment Status:

**RAM** success

RAM User ID:

**EFSPROD** 

RAM Accounting Date:

2004-05-14

**RAM Sequence Number:** 

21

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#### TRANSMITTAL

Electronic Version v1.1 Stylesheet Version v1.1.0

> Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION TO INCREASE PERMEABILITY/POROSITY OF THE FORMATION

Application Number:

09/841284

Date:

2001-04-24

First Named Applicant:

Harold

Confirmation Number:

4716

Attorney Docket Number: 5659-06000

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Submitted by:	Elec. Sign.	Sign. Capacity	
Eric B. Meyertons Registered Number: 34876	Eric B. Meyertons	Attorney	

Documents being submitted

**Files** 

us-fee-sheet

u11-u19-usfees.xml

us-fee-sheet.xsl

us-fee-sheet.dtd

us-ids

u11-u19-usidst.xml

us-ids.dtd

us-ids.xsl





### FEE TRANSMITTAL

Electronic Version v08 Stylesheet Version v08.0

> Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION TO INCREASE PERMEABILITY/POROSITY OF THE FORMATION

Application Number:

09/841284

Date:

2001-04-24

First Named Applicant:

Harold Vinegar

Attorney Docket Number: 5659-06000

Art Unit:

3672

Examiner:

George A

## **TOTAL FEE AUTHORIZED \$180**

Patent fees are subject to annual revisions on or about October 1st of each year.

### BASIC FILING FEE

Fee Description	Fee Code	Amount \$	Fee Paid \$
Submission Of Information Disclosure Stmt Fee	1806	180	180

### AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 501505

Access Code

Deposit name:

Meyertons, Hood, Kivlin, Kowert, Goetzel, P.C.

Deposit authorized name: Eric B. Meyertons

Signature:

Eric B. Meyerton

Date (YYYYMMDD):

2004-05-14

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.



### ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION TO INCREASE PERMEABILITY/POROSITY OF THE FORMATION

Application Number:

09/841284

Confirmation Number:

4716

First Named Applicant:

Harold Vinegar

Attorney Docket Number: 5659-06000

Art Unit:

3672

Examiner:

George A Suchfield

Search string:

(3994340 or 3994341 or 4460044 or 4696345

or 2584605 or 2969226 or 3982591 or

3982592 ).pn.

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3994340	1976-11-30	Anderson et al.			
	2	3994341	1976-11-30	Anderson et al.			
	3	4460044	1984-07-17	Porter			
	4.	4696345	1987-09-29	Hsueh			
	5	2584605	1952-02-05	Merriam et al.			
	6	2969226	1961-01-24	Huntington			

MAY 1 4 2004

7 3982591 1976-09-28 Hamrick et al.

8 3982592 1976-09-28 Hamrick et al.

Signature

Examiner Name Date